



584  
December  
2013

# HF Happenings



South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za) [www.iau.org](http://www.iau.org) [www.iau-r1.org](http://www.iau-r1.org)

## One-Year Licence Now Due For Renewal

**I**CASA has advised the SARL that persons who have a one-year amateur radio license should reapply before 31 December to renew. Regulation 9 (of the Radio Regulations) stipulates that radio amateurs must reapply annually for a license renewal unless they opted for a multi-year license in which case they only need to reapply when their license expires.

ICASA will issue invoices for renewal during January. If you are a one-year license holder you must complete the new Form B, which is now available on the SARL website at [www.sarl.org.za](http://www.sarl.org.za). Complete the form and send it by e-mail to [dkuhr@icasa.org.za](mailto:dkuhr@icasa.org.za) before 31 December 2013.

## Call for Papers at the 2014 Radio Technology in Action

**T**he SARL has started planning for the 2014 Radio Technology in Action symposia to be held all main centres starting in July next year. This is a call for papers to be presented at the RTA or to be included in the Symposium CD. If you have a subject that you would like to present at all RTA's or just at your local one, please send a synopsis by not later than 15 December 2013 to [rta@sarl.org.za](mailto:rta@sarl.org.za). Please include your contact details.

## SARL National Field Day

**T**he contest committee received 13 logs and 1 check log for the November leg of the SARL National Field Day.

### Class A: Field Day Multi-operator

1st East Rand Branch, ZS6ERB, 145 680 points  
2nd Welkom Radio Club, ZS4WRC, 114 840 points  
3rd West Rand ARC, ZS6WR, 82 800 points  
4th Sasolburg ARC, ZS4SRK, 68 520 points  
5th Bloemfontein ARC, ZS4BFN, 43 440 points  
6th Highway ARC, ZS5HAM, 31 680 points  
7th Secunda ARC, ZS6SRC, 29 520 points  
8th Mienette vd Walt, ZS6MTV and friends, 14 958 points  
9th Hibiscus Coast ARC, ZS6HAC, 14 700 points  
10th Zululand ARC, ZS5ZLB, 4 284 points

### Class F: General Stations

1st Johan van Zijl, ZS4DZ, 8 760 points

2nd Port Elizabeth ARS, ZS2PE, 3 200 points  
3rd Kempton Park ARTS, ZS6KTS, 1 760 points

A check log was received from Bosman Olivier, ZS6WBO.

The combined results of the February and November legs of the SARL National Field Day

### Class A: Field Station Multi-operator

1st Welkom Radio Club, ZS4WRC, 204 588 points  
2nd East Rand Branch, ZS6ERB, 194 604 points  
3rd West Rand ARC, ZS6WR, 144 252 points  
4th Bloemfontein ARC, ZS4BFN, 109 536 points  
5th Sasolburg ARC, ZS4SRK, 82 464 points  
6th Magalies ARC, ZS6MRK, 63 720 points

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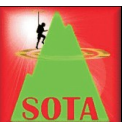
Have **YOU** done anything today to Promote Amateur Radio?

### December

1 - Advent; SARL Digital Contest; World Aids Day  
3 - International Day of Persons with Disabilities  
4 - All schools close  
14 and 15 - ARRL 10 metre contest  
16 - Day of Reconciliation  
21 - Summer Solstice  
25 - Christmas Day  
26 - Day of Goodwill

### January

1 - New Years Day  
11 and 12 - Hunting Lions -in-the-Air  
13 - SARL Office opens  
15 - All schools open  
17 to 19 - PEARS National VHF/UHF Contest  
25 - Summer QRP Contest



Current Summits-on-the-Air (SOTA) activities are announced at [www.sotawatch.org](http://www.sotawatch.org)  
And more SOTA information can be found at [www.sota.org.uk](http://www.sota.org.uk)



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7th Secunda ARC, ZS6SRC, 50 928 points  
8th Pretoria ARC, ZS6P-TA, 49 464 points  
9th Highway ARC,

Class D: Field Station Single operator QRP  
1st Richard Hayter, ZS6RSH, 10 800 points

Class E: Ultra light portable  
1st Pierre van Deventer, ZS6A, 10 350 points  
2nd Eddie Leighton, ZS6BNE, 3 510 points

Class F: General Stations  
1st ZS5LT, 11 088 points  
2nd Port Elizabeth ARS, ZS2PE, 10 076 points  
3rd ZR5KW/6, 9 792 points  
4th Johan van Zijl, ZS4DZ, 8 760 points  
5th 7P8RI, 2 408 points  
6th Kempton Park ARTS, ZS6KTS, 1 760 points

Congratulations to the winners!

Early warning - the February leg of the SARL National Field Day takes place over the weekend of 8 and 9 February 2014!!

ZS5HAM, 31 680 points

10th Rustenburg Branch, ZS6RTB, 28 080 points

11th Zululand ARC, ZS5ZLB, 27 516 points

12th Mienette vd Walt, ZS6MTV and friends, 14 958 points

13th Hibiscus Coast ARC, ZS5HAC, 14 700 points

Class B: Field Station, Multi-operator QRP  
No entries

Class C: Field Station Single operator  
1st Marius Snyman, ZR6MS, 24 576 points  
2nd Andries Visagie, ZS6VL, 13 320 points

## December is Youngsters on the Air Month!

**A**fter the success of the Youngsters on the Air events in the northern hemisphere summer, we decided that it's time to do some more action! During the whole month of December several countries will become active with YOTA as the suffix in the call sign. The idea for this is to break the ice for some youngsters and take the microphone in the hand. As seen over the years, the YOTA-group is growing fast and every week more youngsters are asking to participate.

You want to hear us on the air? Listen for Youngsters on the Air call signs in the whole month of December! At least 17 stations from 14 countries with young amateurs will be active. We would be happy if you try to work one or more of the following call signs: EA7URA/YOTA; EI0YOTA; ES5YOTA; ES9YOTA; LY5YOTA; OH2YOTA; OK2YOTA; OM9YOTA; OM13YOTA; ON4YOTA; PA6YOTA; S513YOTA; SN0YOTA; SH9YOTA; YO0YOTA; YL13YOTA and YL2013YOTA

A special Youngsters on the Air Award is available, visit <http://www.ham-yota.eu/>



## ARRL 10 metre Contest

1. Object: For Amateurs worldwide to exchange QSO information with as many stations as possible on the 10 metre band.

2. Date and Contest Period: Second full weekend of December. Starts 00:00 UTC Saturday; ends 23:59 UTC Sunday (14 and 15 December 2013)

2.1. All stations operate no more than 36 hours out of the 48-hour period.

2.2. All off-times must be a minimum of 30 consecutive minutes (see [General Rule 3.15](#))

2.3. Listening time counts as operating time.

3. Entry Categories:

Note: Mixed-mode entries - read rule 6.5

3.1. Single Operator (use of spotting networks is NOT PERMITTED):

3.1.1. QRP (5 watts or less)

3.1.1.1. Mixed Mode (Phone and CW)

3.1.1.2. Phone only

3.1.1.3. CW only

3.1.2. Low Power (150 watts or less)

3.1.2.1. Mixed Mode (Phone and CW)

3.1.2.2. Phone only

3.1.2.3. CW only

3.1.3. High Power (1500 watts or less or your country's maximum power limit, whichever is less)

3.1.3.1. Mixed Mode (Phone and CW).

3.1.3.2. Phone only.

3.1.3.3. CW only.

3.2. Single Operator stations that use spotting net-

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works will be entered in the Multioperator, Single Transmitter category.

3.3. Multi-operator, Single Transmitter (use of spotting networks is permitted):

3.3.1. Low Power (150 watts or less)

3.3.2. High Power (1 500 watts or less or your country's maximum power limit, whichever is less)

3.3.3. Includes single operators using spotting networks.

3.3.4. This category is mixed-mode only.

4. Contest Exchange:

4.1. W/VE stations (including Hawaii and Alaska) send RS(T) and state or province (District of Columbia stations send signal report and DC).

4.2. DX stations (including KH2, KP4, etc) send RS(T) & sequential serial number starting with 001.

4.3. Mexican stations transmit RS(T) and their state.

4.4. Maritime mobile stations send RS(T) and ITU Region (R1, R2 or R3).

5. Scoring:

5.1. QSO points:

5.1.1. Two points for each complete two-way phone QSO.

5.1.2. Four points for each two-way CW QSO.

5.2. Multipliers: (counted once on phone and once on CW).

5.2.1. Each US state and the District of Columbia.

5.2.2. Canada: 14 provinces - See Appendix A at bottom for complete list.

5.2.3. Mexico: 32 states - see Appendix B at bottom for complete list.

5.2.4. DXCC countries (except US, Canada and Mexico).

5.2.4.1. KH6 and KL7 participate and count as US states, not DXCC Entities.

5.2.5. ITU regions (maritime mobiles only).

5.3. Final Score: Multiply QSO points by total multipliers (the sum of states/VE provinces/Mexican states/DXCC countries/ITU regions per mode).

Example: KA1RWY works 2235 stations including 1305 phone QSOs, and 930 CW QSOs, for a total of 6330 QSO points. She works 49 states, 10 Canadian call areas, 23 DXCC entities and a maritime mobile station in Region 2 on phone for a total of  $49+10+23+1 = 83$  phone multipliers. On CW she works 30 states, 8 Canadian call areas, and 19 DXCC countries for a total of  $30+8+19 = 57$  CW multipliers. Her final score =  $6330 \text{ QSO points} \times (83+57) \text{ multipliers} = 6330 \times 140 = 886,200 \text{ points}$ .

6. Miscellaneous:

6.1. Single Operator Mixed-Mode and Multioperator

stations may work stations once per mode.

6.2. Your call sign must indicate your DXCC country if competing as DX. (N6TR in Oregon does not send N6TR/7, but K1NO in Puerto Rico must send K1NO/KP4 or KP4/K1NO)

6.3. All entrants may transmit only one signal at any given time.

6.4. All CW contacts must take place below 28.3 MHz.

6.5. Stations that enter a mixed-mode category may change modes at any time.

7. Awards: Certificates will be awarded to:

7.1. The highest-scoring Single Operator station (in each category) from each ARRL/RAC Section, Mexican state and DXCC country.

7.2. Top Multioperator entries (in each category) in each ARRL Division, Canada, Mexican state and each continent.

7.3. Additional certificates will be awarded as participation warrants.

8. Miscellaneous:

8.1. All logs generated by computer must be submitted as an ASCII text file in the Cabrillo file format. Paper printouts of the electronic file are not acceptable substitutes.

8.2. Hand-written paper logs are acceptable submissions.

8.3. All entries must be emailed or postmarked by 0000 UTC Wednesday, January 14, 2014.

8.4. Email entries only to: 10meter@arrl.org. Cabrillo log files require exchange sent, category entered, power, and ARRL/RAC section, as defined in the General Rules for All ARRL Contests.

8.5. Computer-generated logs not in Cabrillo file format may be designated as check logs.

8.6. Paper entries should be mailed to 10 Meter Contest, ARRL, 225 Main St, Newington, CT 06111.

8.7. Paper entries must be submitted on current ARRL entry forms or an acceptable facsimile.

8.7.1. Forms are available by downloading the 10 Meter Contest Summary Sheet <http://www.arrl.org/files/file/Contest%20Forms/10Meter-Sum.pdf> and the 10 Meter Contest Log Sheet <http://www.arrl.org/.../files/file/Contest%20Logs/16010log.pdf>.

8.7.2. Forms are available for an SASE sent to the Contest Branch.

8.8. Logs may be submitted via the web applet at [www.b4h.net/cabforms](http://www.b4h.net/cabforms)

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8.9. See "General Rules for All ARRL Contests" <http://www.arrl.org/general-rules-for-all-arrl-contests> and

"General Rules for ARRL Contests on bands below 30 MHz (HF)" <http://www.arrl.org/general-rules-for-arrl-contests-below-30-mhz>

Appendix A: List of the 14 Canadian multipliers:

NB - New Brunswick (VE1, 9)  
NS - Nova Scotia (VE1)  
QC - Quebec (VE2)  
ON - Ontario (VE3)  
MB - Manitoba (VE4)  
SK - Saskatchewan (VE5)  
AB - Alberta (VE6)  
BC - British Columbia (VE7)  
NWT - Northwest Territories (VE8)  
NF - Newfoundland (VO1)  
LB - Labrador (VO2)  
YT - Yukon Territory (VY1)  
PEI - Prince Edward Island (VY2)  
NU - Nunavut (VYØ)

Appendix B: List of the 32 Mexican States

Aguascalientes (AGS)  
Baja California (BAC)  
Baja California Sur (BCS)

Campeche (CAM)  
Chiapas (CHI)  
Chihuahua (CHH)  
Coahuila (COA)  
Colima (COL)  
Distrito Federal (DF or DFE)  
Durango (DGO)  
Estado de México (EMX)  
Guanajuato (GTO)  
Guerrero (GRO)  
Hidalgo (HGO)  
Jalisco (JAL)  
Michoacán (MIC)  
Morelos (MOR)  
Nayarit (NAY)  
Nuevo León (NLE)  
Oaxaca (OAX)  
Puebla (PUE)  
Querétaro (QRO)  
Quintana Roo (QUI)  
San Luis Potosí (SLP)  
Sinaloa (SIN)  
Sonora (SON)  
Tabasco (TAB)  
Tamaulipas (TAM)  
Tlaxcala (TLX)  
Veracruz (VER)  
Yucatán (YUC)  
Zacatecas (ZAC)

## Antarctica, ZS7

Operators Adam, ZS7V, and Philip, ZS7PHM, are now at the South African National Antarctic Exploration (Sanae) IV Base Antarctica (AN-016, WAP ZAF-03) until the end of February 2014. Activity will be on the HF bands. Watch 15 and 20 meters. QSL via ZS1HF. For updates, watch the WAP Web Page at: <http://www.waponline.it/NewsInformation/tabid/225/Default.aspx>

## African Island DX

Canary Islands, EA8. Christophe, ON6ZQ, is now active as EA8/ON6ZQ/p from Isla de Gran Canaria (AF-004, DIE S-005, WLOTA 0969, WWFF EAFF-078) until 7 December. Activity will be holiday style on all the HF bands, depending on the propagation. QSL via his home call sign, direct or by the Bureau. Visit his Web site at <http://www.on6zq.be>



Reunion Island, FR. Mike, F5PLC, is currently active as FR/F5PLC from Reunion Island. The length of his stay is not known. Activity will be on the HF bands using a KX1 with 7 m vertical on a fishing-rod. QSL via his home call sign, direct or by the REF Bureau.

Ascension Island, ZD8, (AF-003). Five members of the Cambridge University Wireless Society will be active as ZD8UW from Green Mountain on Ascension Island between 2 and 6 December. Activity will be on the HF bands, 40 - 10 metres including the 30, 17 and 12 using CW and SSB. Operators mentioned are: Terry, G3VFC, Martin, G3ZAY, Dominic, MOBLF, Robert, MOVFC, and Gavin, M1BXF. They will be operating with Elecraft K3s.

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They won't have internet access at the QTH, but logs should be uploaded roughly daily to Clublog. The logs will also go on LoTW once they return home, but they can't apply for the LoTW certificate in advance as they won't be collecting their radio licence until they get to Ascension. QSL will be via MOOXO. For updates, watch <http://www.g6uw.org/dxpedititions/zd8uw>

Amsterdam Island, FT5Z, (Update/Press Release - Our Equipment Has Arrived in New Zealand): Col, MMONDX, posted on the FT5ZM Web page (26 November) [edited]: "Our sea container loaded with our pallets of equipment has arrived in New Zealand. The container had been unloaded and its contents placed in a bonded customs warehouse. It is ready for transportation by truck to the port of Tauranga.

The Braveheart will return from a mission to Raoul Island on 6 December and be prepared to load our cargo shortly thereafter. Between 9 and 14 December the ship will be provisioned, undergo routine maintenance, and a main engine oil change. The Braveheart staff will fill our shopping list and put all dry provisions aboard the vessel.

The ship's crew will have been at sea or working for a long time, so they will take a vacation during the week of 15 to 21. On 23 December the Braveheart will take on fuel. On the 24th fresh produce (eggs, milk, fruits, and vegetables) will be put aboard. The crew will spend Christmas day with their families.

On 26 December, at 1400 the Braveheart will depart Tauranga via New Zealand's North Cape, cross the Tasman Sea south of Tasmania, cross the Great Australian Bight past Albany, and then sail north up the western coast of Australia to Fremantle. This is a 3 440 nautical mile voyage that will take 17 days.

The Braveheart is scheduled to enter the port of Fremantle on Monday, 13 January. The vessel will take on fuel and provisions on 14 January. She will clear customs and depart for Amsterdam Island on 15 January with our 14 team members and lots of radio equipment aboard."

## African DX



Senegal, 6V. Just a reminder that Robert, DL7VOA, is now active as 6V7D from Toubab Dialaw until 7 December. Activity will be mainly on CW, with some SSB, on 40 - 10 meters. QSL via DL7VOA. ADDED NOTE: Please be advised to only QSL this operation to DL7VOA. A Russian group used this callsign back in March of 2011.

Sierra Leone, 9L. Ivo, 9A3A, is now active as 9L1A from Sierra Leone for at least until February, but he informs OPDX "most likely I will extend my stay until end of May 2014". Activity will be mainly CW, some SSB, on 40-10 meters with wire verticals mounted on a Spiderbeam pole, but he will try to install a 5 band Spiderbeam if Ivo can find a suitable position and mast. His rig is a K3 plus RM 300 w amplifier. QSL via 9A2AA.

Namibia, V5. Look for Uwe, DL9NDS and Ewald, DJ2BQ to once again be active from Omaruru, Namibia, as V5/homecalls between 2 and 18 January, 2014. They will be active on the HF bands, all modes. QSL via home calls, direct or bureau. Club Log will be available for V5/DJ2BQ and online log for V5/DL9NDS will be available on Uwe's website at [www.dl9nds.de/](http://www.dl9nds.de/)

South Sudan, Z8, (Press Release from Juba, dated 25 November). Martti, OH2BH, writes [edited]: "LIFE IS GOOD IN SOUTH SUDAN AFTER CONTEST WEEKEND - Now that the CQ WW CW contest is over, life is getting back to normal in this African Republic. The two local hosts, Z81B and Z81D, have embarked on trips abroad, leaving the Missionary team in charge of wrapping up their duties before heading home tomorrow Tuesday.

As a thunderstorm hit the area yesterday at dawn, there went their beverages for the night. The wires were running outside the guarded area and thus there was no way to repair them last night. Apologies for last night with no RX antennas and with high atmospheric noise which left many calling in vain... So, with a fresh mind the team has now repaired the western beverage and will reappear tonight still with three stations - 160, 80 and 30 M.

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The contest effort on four bands resulted in 9 000 QSOs. Kindly follow the individual QRZ.com sites for Z81R and Z81Z for further QSLing instructions. The plan is to have ClubLog updated before 0000 UTC tonight.

The team is healthy and in high spirits but also looking forward to returning home for a reunion with their dear ones ahead of a well deserved Christmas Season.

The team will depart tomorrow at 15:00 UTC flying to Nairobi, Kenya, and back to Europe. Diya, Z81D, is left with an 80 M vertical plus a new FTdx3000 and Acom 1000 to boost his activity on all bands but specifically on 80 M. DX will be plentiful from South Sudan."

### Single-Operator Unlimited Categories

**R**esponding to many requests, the ARRL Programs & Services Committee accepted the Contest Advisory Committee's (CAC) recommendation to add Single-Operator Unlimited categories to the ARRL's 10 Metre, 160 Metre, RTTY Roundup and the IARU's HF Championship contests. Previously, the use of spotting information placed a station in the Multi-operator category. The new category takes effect with the RTTY Roundup contest in January 2014. This year's 160 Metre (6 to 8 December) and 10 Metre (14 and 15 December) contests are **NOT** affected by the change. (Thanks, ARRL CAC Chair, Al KØAD)

### Word to the Wise

**P**lease be sure to check any response from log-acceptance systems to be sure your log is placed in the right category. For example, if an email robot confirms your entry as SOHP, the reply message will show something like "Single Operator, High Power". In contests without an Assisted or Unlimited category, logs for Single-Op entries with the Assisted tag present will usually wind up assigned to Multi-operator. If this isn't your intent, be sure to correct the Cabrillo header information and re-submit the log until you are in agreement with the reply message...and save your confirmation number or ID!

### Operating Tip

**D**uring the upcoming ARRL 10 Metre contest, the band looks like it will be open quite a bit if conditions hold up. The very short skip that allows you to work nearby stations beyond ground wave range may not be available, however. To work those stations, you'll need to use scatter modes. While scatter isn't usually an option for QRP stations, LP and HP stations might be able to make a contact if both stations are beaming in the same direction, preferably in the direction in which the band is open for long skip. Don't forget the skew path openings which are generally toward the magnetic equator from the direct path bearing! (Thanks, Bob KØRC and Barry W2UP)

### Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 2 to 9 December

NCCC RTTY Sprint

01:30 - 02:00 UTC 6 December

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 December 2013

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

QRP Fox Hunt

02:00 UTC-03:30 UTC 6 December

Mode: CW

Bands: 80 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 7 December 2013

E-mail logs to: (see rules)

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Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

#### NCCC Sprint

02:30 UTC-03:00 UTC 6 December

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 December 2013

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### ARRL 160-Meter Contest

22:00 UTC 6 December to 16:00 UTC 8 December

Mode: CW

Bands: 160 m Only

Classes: Single Op - QRP, low or high

Multi-Single

Max operating hours: 42 hours

Max power: HP: 1 500 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: RST and ARRL/RAC Section; DX: RST

QSO Points: 2 points per QSO with ARRL/RAC Section; W/VE Station: 5 points per DX QSO

Multipliers: Each ARRL/RAC Sections; Each DXCC Country (W/VE only)

Score Calculation: Total score = total QSO points x (total section mults and total country mults)

Submit logs by: 16:00 UTC 7 January 2014

E-mail logs to: [160meter@arrl.org](mailto:160meter@arrl.org)

Mail logs to: 160 Meter Contest, ARRL, 225 Main St., Newton, CT 06111, USA

Find rules at: <http://www.arrl.org/160-meter>

#### TARA RTTY Mêlée

00:00 - 24:00 UTC 7 December

Mode: RTTY

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - low or high

Multi-Op - low or high

SWL

Max operating hours: 16 hours, off time in no more than 2 blocks

Max power: HP: 1 500 watts

LP: 150 watts

Exchange: W/VE: RST and state or province; DX: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each state once only

Each VE province/territory once only

Each DXCC country once only

Score Calculation: Total score = total QSO points x (total state mults and total province mults and total country mults)

Submit logs by: 31 December 2013

E-mail logs to: (none)

Post log summary at: [http://www.n2ty.org/seasons/tara\\_melee\\_score.html](http://www.n2ty.org/seasons/tara_melee_score.html)

Mail logs to: (none)

Find rules at: [http://www.n2ty.org/seasons/tara\\_melee\\_rules.html](http://www.n2ty.org/seasons/tara_melee_rules.html)

#### Wake-Up! QRP Sprint

06:00 - 06:29 UTC, 06:30 - 06:59 UTC, 07:00 - 07:29 UTC and 07:30 - 08:00 UTC 7 December

Mode: CW

Bands: 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, serial no and suffix of previous QSO ("QRP" for 1st QSO)

Work stations: Once per band per period

QSO Points: 1 point per km

Multipliers: 1 point per new station worked on each band

Score Calculation: Total score = total QSO points x total multiplier points

Submit logs by: 14 December 2013

E-mail logs to: [ru-grp-club@mail.ru](mailto:ru-grp-club@mail.ru)

Mail logs to: (none)

Find rules at: <http://grp.ru/contest/wakeup/333-wakeup-eng>

#### SKCC Weekend Sprintathon

12:00 UTC 7 December to 24:00 UTC 8 December

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Max operating hours: 24

Exchange: RST, name, state, province or country and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

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Multipliers: Each state, province, or country once

Score Calculation: Total score = (total QSO

points x total mults) and bonus points

Submit logs by: 15 December 2013

Post log summary at: <http://wes.m0trn.com/submission.php>

Mail logs to: (none)

Find rules at: [http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

### VU International DX Contest

12:00 UTC 7 December to 12:00 UTC 8 December

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - CW, SSB or mixed - QRP, low or high; Multi-Single - CW, SSB or mixed;

Multi-Multi - CW, SSB or mixed

Max power: HP: >100 watts; LP: 100 watts; QRP: 10 watts

Exchange: VU: RS(T) and Indian state; non-VU: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: 6 points per QSO between VU and other countries; 3 points per QSO between Asian countries and non-Asian countries

Multipliers: VU: Each country once per band; Asia: Each VU state and each DXCC country once per band;

DX: Each VU state and Asian country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 December 2013

E-mail logs to: [logs@arsi.info](mailto:logs@arsi.info)

Mail logs to: Prasad Rajagopal, PO Box 7523, Bangalore, 560075, India

Find rules at: <http://arsi.info/contests/international/rules>

### TOPS Activity Contest

16:00 UTC 7 December to 15:59 UTC 8 December

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Multi-Band - QRP, low or high; Single Op Single Band; Multi-Single

Max power: High: >100 watts; Low: 100 watts; QRP: 5 watts

Exchange: TOPS/PRO-CW Members: RST, serial no and Club Abbreviation; non-Members: RST and serial no

Work stations: Once per band

QSO Points: QSO with own country: 1 point; QSO with own continent or other continents: 2 points; QSO with TOPS/PRO-CW member: 2 bonus points; QSO between TOPS/PRO-CW members: 6 bonus points

Multipliers: Each prefix once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 December 2013

E-mail logs to: [contest@proclub.ro](mailto:contest@proclub.ro)

Mail logs to: (none)

Find rules at: <http://www.yo2rr.ro/TAC%20Rules.html>

### EPC Ukraine DX Contest

20:00 UTC 7 December to 19:59 UTC 8 December

Mode: BPSK63

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band (12 hour/24 hour); Single Op Low Band; Single Op High Band; Multi-Single

Max power: 100 watts

Exchange: Ukraine: RSQ and Ukr Admin Region; non-Ukraine: RSQ and QSO No.

Work stations: Once per band

QSO Points: 1 point per QSO with same country; 2 points per QSO with same continent, different country; 5 points per QSO with different continent; non-Ukraine: 10 points per QSO with Ukrainian station

Multipliers: Each DXCC country once per band

Each Ukrainian administrative region once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 December 2013

E-mail logs to: [contest@ut7fp.kiev.ua](mailto:contest@ut7fp.kiev.ua)

Upload log at: <http://ua9qcq.com/contests/robot.php/>

Mail logs to: (none)

Find rules at: [http://ut7fp.kiev.ua/2010epc-ukr-dx/EPC%20Ukraine\\_eng.html](http://ut7fp.kiev.ua/2010epc-ukr-dx/EPC%20Ukraine_eng.html)

### AWA Bruce Kelley 1929 QSO Party

23:00 UTC 7 December to 23:00 UTC 8 December and 23:00 UTC 14 December to 23:00 UTC 15 December

Mode: CW

Bands: 160, 80, 40 m

Classes: (none)

Exchange: RST, name, QTH, Eqpt Year and Transmitter Type (see rules for format)

QSO Points: (see rules)



(Continued on page 9)

# HF Happenings

HF\_Happenings-subscribe@yahooagroups.com

(Continued from page 8)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points

Submit logs by: 15 January 2014

E-mail logs to: [wa9wfa@comcast.net](mailto:wa9wfa@comcast.net)

Mail logs to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110, USA

Find rules at: [http://www.antiquewireless.org/uploads/1/6/1/2/16129770/the\\_2013\\_bruce\\_kelley\\_1929\\_qso\\_party\\_info.pdf](http://www.antiquewireless.org/uploads/1/6/1/2/16129770/the_2013_bruce_kelley_1929_qso_party_info.pdf)

Ten-Meter RTTY Contest

00:00 - 24:00 UTC 8 December

Mode: RTTY

Bands: 10 m Only

Classes: Single Op

Multi-Op

Max power: 100 watts

Exchange: W: RST and state; VE: RST and province/territory; non-W/VE: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each US state (excluding KH6/KL7) and DC once; Each VE province/territory once; Each DXCC country (excluding W/VE)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 15 December 2013

E-mail logs to: [ten-rtty@kkn.net](mailto:ten-rtty@kkn.net)

Mail logs to: (none)

Find rules at: <http://www.rttycontesting.com/tenmeterrttycontest/rules.html>

CQC Great Colorado Snowshoe Run

21:00 - 22:59 UTC 8 December

Mode: CW

Bands: 20 m Only

Classes: W: single element wire antenna; V: vertical antenna; B: multi-element arrays/beams; P: portable

Max power: 5 watts

Exchange: RST, state, province or country, Antenna Class and CQC member no or power

Work stations: Same station up to 3 times, at least 30 minutes between QSOs

QSO Points: 1st QSO with station: 3 points;

2nd QSO with same station: 2 points; 3rd

QSO with same station: 1 point; Bonus: 100 points for first QSO with WOCQC

Multipliers: Each state, province, country, CQC member once

Score Calculation: Total score = total QSO points x (state mults and province mults and country mults) x CQC members

Submit logs by: 7 January 2014

E-mail logs to: [ki0rb@arrl.net](mailto:ki0rb@arrl.net)

Mail logs to: (none)

Find rules at: <http://www.cqc.org/contests/snow2013.htm>



## Next weeks contests

AWA Bruce Kelley 1929 QSO Party, 23:00 UTC 14 December to 23:00 UTC 15 December

NAQCC Straight Key/Bug Sprint, 01:30 - 03:30 UTC 11 December

QRP Fox Hunt, 02:00 - 03:30 UTC 11 December

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 11 December and 03:00 - 04:00 UTC 12 December

QRP Fox Hunt, 02:00 - 03:30 UTC 13 December

NCCC Sprint, 02:30 - 03:00 UTC 13 December

ARRL 10-Meter Contest, 00:00 UTC 14 December to 24:00 UTC 15 December

International Naval Contest, 16:00 UTC 14 December to 15:59 UTC 15 December

QRP ARCI Holiday Spirits Homebrew Sprint, 20:00 - 23:59 UTC 15 December

Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 16 December

NAQCC-EU Monthly Sprint, 18:00 - 20:00 UTC 16 December

Download  
from the HF  
Happenings  
page at  
[http://  
www.zs4bfn.  
co.za](http://www.zs4bfn.co.za)

*Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News*